

Overview

The Solecis AVB-DA-RGBHV-0102 1x2 RGBHV HD-15 Distribution Amplifier (FG1340-1200-01) is a high bandwidth, high resolution 1x2 VGA through to UXGA distribution amplifier. With a video bandwidth in excess of 350MHz the AVB-DA-RGBHV-0102 is the ideal choice for all presentation applications.

The AVB-DA-RGBHV-0102 incorporates buffered outputs to ensure signal integrity when distributing data and video to projectors, monitors and plasma displays.

The AVB-DA-RGBHV-0102 comes complete with an external 12V power supply. Signal and picture quality can be further maintained over long distances by using true high quality VGA cable.



FIG. 1 Solecis AVB-DA-RGBHV-0102

Product Specifications

AVB-DA-RGBHV-0102 Specifications	
RGB Input	
Number:	1
Connector:	HD-15
Level:	Analog
Max Level:	1V p-p
Impedance:	75 ohm
Sync Input	
Type:	Analogue or TTL
Impedance:	470 ohm
RGB Video Bandwidth:	400MHz -3dB
RGB Return Loss:	-45dB@10MHz, -27dB@100MHz
Sync Processing:	TTL restore
RGB Output	
Number:	2
Connectors:	HD-15
Level:	Analog
Gain:	Unity
Impedance:	75 ohm
Sync Output	
Level:	TTL
Impedance:	75 ohm
Power	
Input Voltage:	9VDC
Power Consumption:	3W
Dimensions (HWD):	1.18" x 5.90" x 2.12" (3.0cm x 15.0cm x 5.4cm)
Weight:	0.62 lbs. (0.28kg)

AVB-DA-RGBHV-0102 Specifications (Cont.)

Certifications:	<ul style="list-style-type: none"> • CE • UL • FCC class B, part 15 • RoHS/WEEE compliant
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Safety Instructions

Please read these instructions before using your AMX Solecis device. Failure to comply with these instructions could result in fire, electrical shock, personal injury, death, or damage to the equipment.

Liquid Spills

Do not set drinks on top of the unit or immerse the unit in liquid.

Do Not Disassemble

This device contains no user serviceable parts. All servicing must be performed by a qualified service technician.

For Safety Reasons

- Do not place the unit on an unstable surface.
 - Do not use near water or sources of heat.
 - Use only recommended attachments.
 - Use the type of power supply as specified.
- Unplug the power to the unit and refer servicing to qualified personnel under the following conditions:
- If liquid has been spilled or the unit has been exposed to rain or water.
 - If it does not operate normally when the operating instructions are followed or if it exhibits a distinct change in performance indicating a need for service.
 - If the unit has been dropped or the cabinet damaged.

Video Pin Connections

FIG. 2 provides the pin layout for the HD-15 connectors:

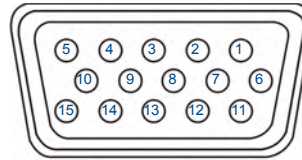


FIG. 2 RGBHV connector

The pin configuration for the HD-15 (video) connector are as follows:

- | | |
|------------------|------------------|
| 1 - RED | 9 - n/c |
| 2 - GREEN | 10 - SYNC GROUND |
| 3 - BLUE | 11 - n/c |
| 4 - n/c | 12 - n/c |
| 5 - n/c | 13 - H SYNC |
| 6 - RED GROUND | 14 - V SYNC |
| 7 - GREEN GROUND | 15 - n/c |
| 8 - BLUE GROUND | |

For full warranty information, refer to the AMX Instruction Manual(s) associated with your Product(s).

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